



User's Guide v. 2.0

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Introduction

Liberty is an **Internet-based information service** designed to give you the confidence and freedom to conduct your financial affairs as you conduct your lifestyles. You can go anywhere, check portfolio anytime, and monitor breaking news on the Thai markets, even when traveling.

Liberty requires no software installation in your computer. Information includes Thai stock market data from **Stock Exchange of Thailand (SET)**; local and major international indices plus foreign exchange rates of major currencies from Reuters; and **news from Reuters, Bisnews and SET** -- all the most reliable sources.

You will find it so **easy and convenient** to use **Liberty**. With just a mouse click at any of the menu buttons on the left side of the screen, **Liberty** will present you the **comprehensive information which are gathered, grouped and illustrated with distinct colors**. As a result, you can keep abreast of news and prices while closely monitor the market movement.

In addition, **Liberty** makes it easy and fast for you to **navigate across the menu**. Therefore, you can retrieve warrant data or Sectoral index pertinent to a stock of your interest by clicking at the symbols presented in the **Links** window.

Getting Started with Liberty

You can access Liberty by the following procedures.

1. Open Internet Explorer


Windows 2000 User

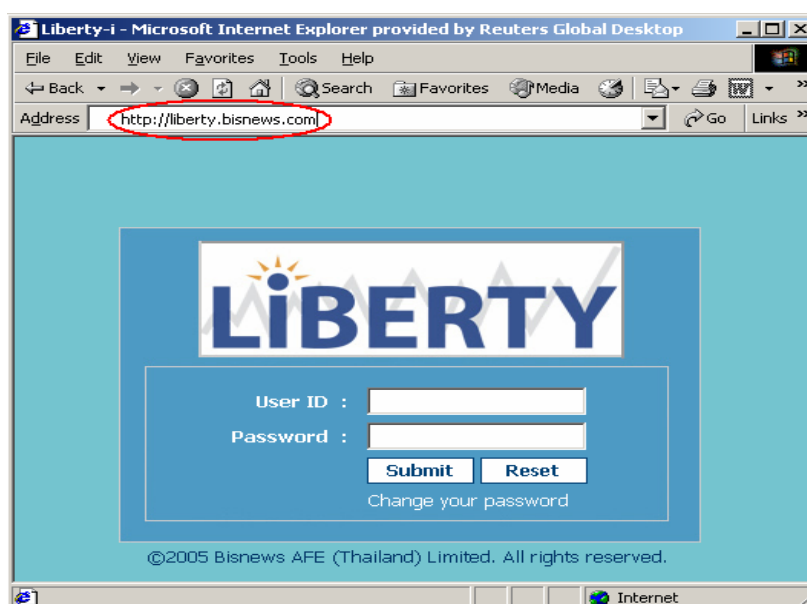
- Left-mouse click at **Start** then choose **Program** and **Internet Explorer**

Windows XP

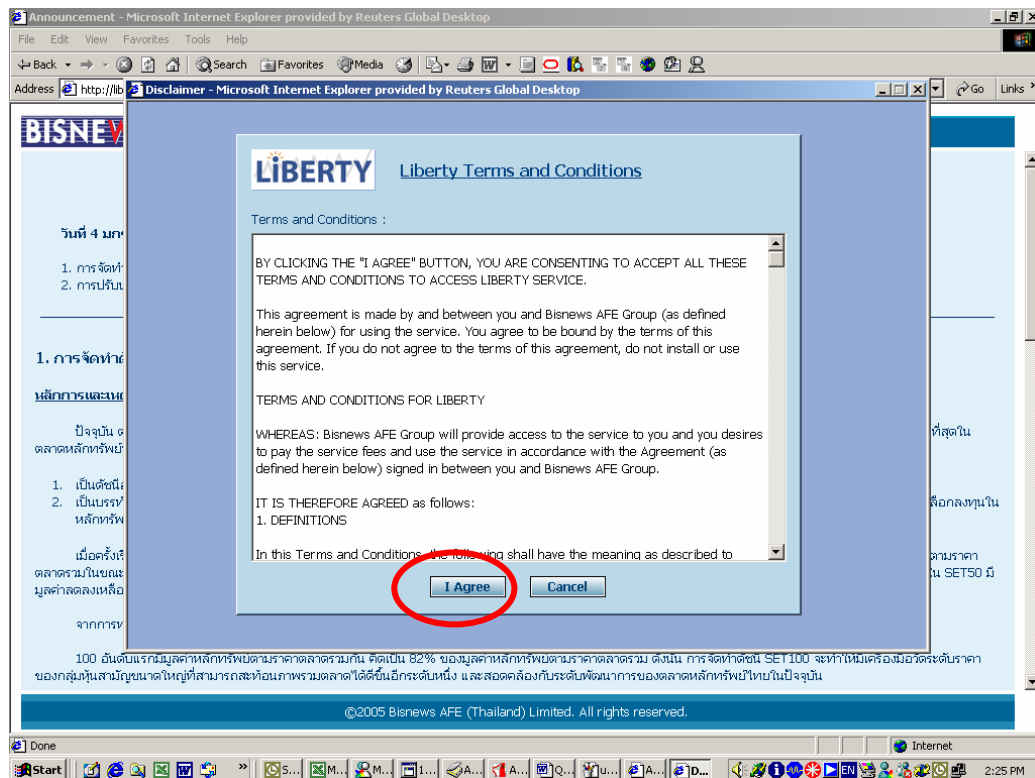
- Left-mouse click at **Start** then choose **All Programs** and **Internet Explorer**

2. Type the URL of Liberty

- Left-mouse click at the **Address box** and type <http://liberty.bisnews.com> and press **Enter** click at  , the **Login page** will present as follows:



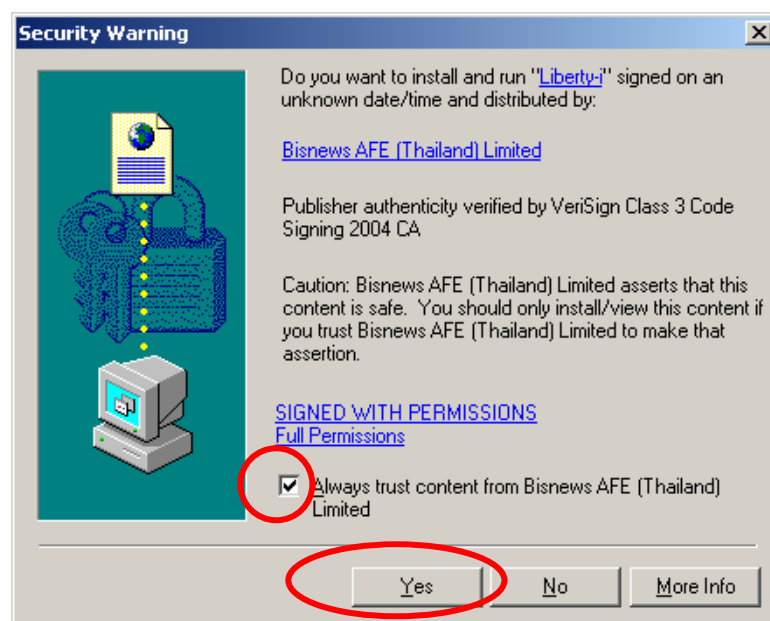
3. Enter User ID และ Password and click **Submit**. Terms and Conditions window will be presented as the following picture. Then click **I Agree**.



4. Security Warning window will pop up.

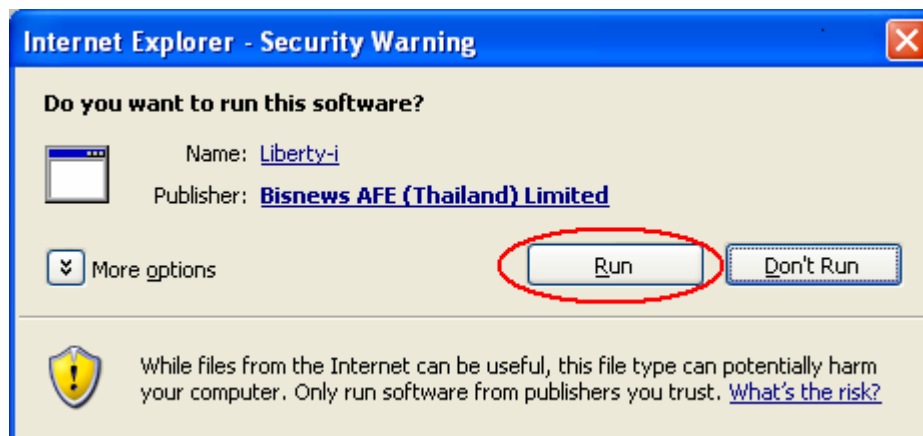
Windows 2000 User


- ✎ Click to choose ☐ **Always trust content from Bisnews AFE (Thailand) Limited**
- ✎ Click **Yes**.



Windows XP User

Click at .



5. When Liberty screen appears, you need to ensure that that the color of the **Info Online** button turns into green color like . Then **Liberty** is at your service.

To retrieve real-time data, move your mouse to the symbol box and input the instrument symbol of your interest. For example, if you want to retrieve PTT Public Co., Ltd data, you need to input "PTT".



Info Bar

Info Bar presents **relevant data of local market indices** including **SET, SET50, SET100, MAI, SET50 Index Futures (nearest month)** to help you monitor index movements. Click **More>>** button to choose the index data of your interest.

SET	776.84	↑8.62	(1.12%)	Vol	1,085,985,000	Value	6,348.17M	LIBERTY
Advance	251	Decline	62	Unchange	92			

Details of data available in Info Bar

- ✧ **Index price movement with up/down arrow key** to illustrate the up tick (green arrow) or down tick (red arrow)
- ✧ **Change** - compares **Last** price with **Previous Close**
- ✧ **%Change** - displayed in parenthesis
- ✧ **Volume** (Vol) in shares
- ✧ **Value** (Val) in Baht. **M** stands for **Million** Baht and **K** stands for **Thousand** Baht
- ✧ **Advance** – number of stocks with **positive** Change in price
- ✧ **Decline** – number of stocks with **negative** Change in price
- ✧ **Unchange** – number of stocks with **zero** Change in price
- ✧ **Basis** – comparison between the price of **SET50 Index Futures (nearest month)** and **SET50 Index**
- ✧ **Vol of SET 50 Index Futures** - number of futures contracts traded on that day
- ✧ **Open Interest (OI)** - number of futures contracts with open status

Quote Menu

Quote displays **real-time data of stock, warrant, index futures and other indices** with the following details:

Liberty-i v2.01 by Bismen - Microsoft Internet Explorer provided by Reuters Global Desktop

SET

777.68

↑9.46

(1.23%)

Vol

1,373,724,000

Value

8,111.01M

More >>

LIBERTY

Advance

231

Decline

75

Unchange

104

Quote

ZMICO

1

SEAMICO SECURITIES PLC.CO

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Bisnews AFE (Thailand) Limited.

Warrants

Last

4.14

BID

4.14

3

OFFER

4.16

Volume at Price

Index Futures

Change

0.04

47%

53%

Multiple View

%Chg

0.98

B_VOL

6198

O_VOL

2959

Trade Log

Open

4.12

734

4.14

4.16

6198

3Bid / 3Offer

High

4.16

2015

4.12

4.18

2959

Ranking

Low

4.12

9556

4.10

4.20

4670

Chart

Prev Cls

4.10

9556

4.10

4.20

4670

Ticker

Avg.

4.14

Trade Log

News

Volume(Lot)

37,797

58%

42%

Indices

Value

15,649.00K

12:29

966

8

0.04

Forex

52W High

5.90

12:29

100

8

0.04

Stock Search

52W Low

3.92

12:29

1,000

8

0.04

My Favorite

Ceiling

5.30

12:29

50

4.14

8

0.04

Portfolio

Floor

2.88

12:29

2,000

4.14

8

0.04

Announcement

%Fluct

0.97

12:29

100

4.14

8

0.04

Print

P/E

18.26

12:29

30

4.14

8

0.04

Online Help

P/BV

1.11

12:29

50

4.14

8

0.04

Limit Alert

DPS

0.17

12:28

500

4.14

8

0.04

Disclaimer

Yield

4.12

12:24

700

4.12

S

0.02

BISNEWS

EPS

0.23

12:17

568

4.12

B

0.02

Info Online

Mkt Cap

3401.72M

Links

Lot Size

100

FIN

FINCIAL

SET

Flag

SET10

ICO-F

ZMICO-W3

Limit Alert

7

Chart

THB

15.67K

9706

11.45K

4.12

4.14

4.16

5

Line Chart

ZMICO

4.16

4.14

4.12

4.10

10:00

11:00

12:00Brk

13:00

14:00

15:00

6

Line Chart

SET

777.89

775.61

773.32

768.22

10:00

11:00

12:00Brk

13:00

14:00

15:00

8

News

13:48

08/05/2006

MGR-โพล-เอ็กซ์ มีอเนิงเนบ 'นิลมานเคียน' ชันท์ 3

News

13:47

08/05/2006

SET-SET : การนำขึ้นชื่อเพื่อขายในหลักทรัพย์แสดงสิทธิ PLE-W1

News

13:47

08/05/2006

SET-PLE : การนำขึ้นชื่อเพื่อขายในหลักทรัพย์แสดงสิทธิ PLE-W1

News

13:46

08/05/2006

BIS-AYS Company Update1: บมจ.เหล็กหริภังค์ กรุงศรีอยุธยา

✎ **Box 1 – Symbol box** allows you to input an instrument symbol of your interest such as **ZMICO** then press **Enter**. Liberty will present **the full name of Seamico Securities PLC**.

✎ **Box 2 – Details box** displays both **real-time price data** and **end-of-day operating data** e.g. P/E, P/BV, DPS and Yield, etc.

Color Description

Field	Color	Description
Last, Change, %Chg	green	Last > Previous Close
	red	Last < Previous Close
	yellow	Last = Previous Close
ลูกศร ↑ หรือ ↓	green	Last > Previous Tick (Last)
	red	Last < Previous Tick (Last)
	yellow	Last = Previous Tick (Last)

✎ **Box 3 – 3Bid/3Offer** displays **real-time 3 best bid and 3 best offer prices and volumes** of a particular instrument. Liberty presents data with the following color codes. **Strength Bar Indicator** illustrates **% Bid and % Offer** of such instrument in real-time.

Color	Description
green	Bid data
red	Offer data

✎ **Box 4 – Trade Log** presents **all executed transactions** of such instrument **in real-time** with the following distinctive color code of **Buy (B) or Sell (S)**. Liberty also presents **Strength Bar Indicator** to illustrate **% Buy and % Sell** of such instrument being traded in real-time.

Color	Description
orange	Buy data
purple	Sell data

✎ **Box 5 - Volume at Price** illustrates **all executed transactions at each price in bar chart** with distinct colors of **buy and sell proportion**. You can go to **Trade Log** menu to view the bigger chart.

Color	Description
orange	Buy data
purple	Sell Data

✎ **Box 6 - 2 windows of Intra-day Chart or Tic Chart** that can be toggled to display **today's real-time chart data** of a particular instrument and Thai market indices such as **stock, warrant, SET index, SET50 index, SET100 index, or MAI**. You can click the **SET** button to toggle the display. The **red line** represents **Previous Close price** so you can see if today's prices are above or below yesterday Previous Close line.

✎ **Box 7 - Links box** displays **other symbols relevant to the main instrument** such as warrant, preferred stock, foreign board, Sector, Industry. You can click each symbol to view the data.

✎ **Box 8 – Streaming real-time news** from Reuters, Bisnews and SET.

The following picture shows **how Liberty navigates you from one symbol to another**. In case you input a symbol of **SET index in Box1**, Liberty will display, in the lower-right box, real-time data of **all Industries**. But if you input the **Sectoral symbol**, Liberty will display real-time data of **all stocks listed under such sector**. And if you **click at any symbol** in this box, Liberty will display a full data of it.



Warrant Menu

Warrant page presents **real-time price and analytic data of all warrants in the market**. Warrant symbols are displayed in **alphabetical order (A to Z)**. You can click at the warrant symbol then Liberty will navigate you to the **Quote** page

Liberty-i v2.01 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET50545.33↑11.54(2.16%)Vol319,891,000Value8,777.98M

SET50IFDEAL75O/I176Vol121Value65,240.40KMore >>

LIBERTY

QuoteWarrants

Warrants

SymbolLastChange%ChgAll in Prem.Blk SchGearingDeltaVolatil.Expiry DatePrev Cls.

Index FuturesASIAN-W12.980.082.7591.0002.8402.5901.00012.4908 JUL 20072.90

Multiple ViewASP-W12.980.144.931.0003.0501.7100.95255.39030 SEP 20082.84

Trade LogBAY-W16.350.050.794-2.0007.4302.9900.95727.9303 SEP 20086.30

3Bid / 3OfferBLISS-W13.38-0.04-1.1752.0003.6602.3400.79856.78017 JUL 20123.42

RankingBROOK-W10.380.000.00-6.0000.4202.0300.99966.87017 JUL 20060.38

ChartBTC-W10.970.044.3017.0000.8402.0500.96147.29028 FEB 20070.93

TickerBTC-W20.84-0.01-1.17650.0000.5002.2400.72547.29028 FEB 20090.85

NewsCCET-W10.78-0.01-1.26653.0000.1404.8500.25027.93018 APR 20090.79

IndicesCK-W16.250.254.167-2.0006.0801.7501.00031.43030 MAR 20076.00

ForexCPCO-W1415.0000.0006.6700.0000.00015 JUN 20100.30

Stock SearchCWT-W12.900.124.31770.0001.1701.8800.66749.44031 JAN 20122.78

My FavoriteDELTA-W23.00017.7001.0201.00029.73019 DEC 201021.00

PortfolioEASTW-W11.750.127.3624.0001.1203.7600.87522.80028 NOV 20071.63

AnnouncementEMC-W10.830.022.46954.0000.5002.2500.66752.50026 SEP 20080.81

PrintESTAR-W10.20-0.01-4.76232.0000.2102.2900.78840.79029 DEC 20110.21

Online HelpESTAR-W20.140.017.692135.0000.0803.6900.45940.79030 DEC 20110.13

Limit AlertEWC-W15.050.071.406246.0003.0502.6300.49169.0005 MAY 20104.98

DisclaimerFNS-W12.220.146.73175.0000.7507.5100.30682.00016 OCT 20062.08

Info OnlineGEN-W10.270.000.00170.0000.1502.1900.54478.00030 SEP 20100.27

HEMRAJ-W0.950.011.064-1.0000.7901.3300.99834.58015 SEP 20090.94

BISNEWS

16:2908/05/2006RTR---เอสไอ ลดราคาเบบซิม-ดีเซล 40 สต./ลิตร ในเย็นนี้

16:2908/05/2006MGR-บล.นครหลวงไทยตั้งเป้าให้บริการสินเชื่อซื้อขายหุ้น 1พันล้านบาท

16:2508/05/2006RTR-*THAI:การนับไทย ระงับ Q3/49 ไม่ขาดทุน ถ้าไรสุทธิปีนี้จะสูงกว่า 1 หมื่นลบ.

16:1008/05/2006RTR---THAI ระงับ Q3/49 ไม่ขาดทุน ถ้าไรสุทธิปีนี้จะสูงกว่า 1 หมื่นลบ.

Data Description

- ↖ **Last** - latest price
- ↖ **Change** - Last compared with Previous Close
- ↖ **%Chg**
- ↖ **All in Premium**
- ↖ **Black-Scholes**
- ↖ **Gearing**
- ↖ **Delta**
- ↖ **Volatility**
- ↖ **Expiry Date**
- ↖ **Previous Close** - yesterday's closing price
- ↖ **Volume** trading volume in share
- ↖ **Value** - trading value in Baht
- ↖ **Time** - time that such transaction occurs

Index Futures Menu

Index Futures window presents **real-time data of all Index Futures series** traded in the market.

Liberty-i v2.01 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET50

544.40

↑10.61

(1.99%)

Vol

325,753,000

Value

8,952.89M

SET50IF

DEAL

75

O/I

176

Vol

121

Value

65,240.40K

More >>

LIBERTY

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Quote

Warrants

Index Futures

Multiple View

Trade Log

3Bid / 3Offer

Ranking

Chart

Ticker

News

Indices

Forex

Stock Search

My Favorite

Portfolio

Announcement

Print

Online Help

Limit Alert

Disclaimer

BISNEWS

Info Online

Last

T_vol

Chg

%Chg

Bid

Offer

Open1

Open2

High

Low

Value

Volume

SET50

544.40

10.61

1.99

535.78

545.52

535.78

8,952.89M

326M

S50M06

541.10

1.00

5.40

1.01

541.10

541.20

536.50

536.50

541.10

536.50

50,669.90K

94

S50U06

540.50

2.00

4.50

0.84

540.00

541.00

538.50

538.50

540.50

538.50

14,570.50K

27

S50Z06

540.80

549.00

S50H07

539.40

Prev Cls

Fair Value

Fair Basis

Basis

Prem

Implied Rate

Fund Rate

Div Yield

Days

Life High

Life Low

O/I

O/I Change

S50M06

535.70

544.80

0.40

-3.30

-3.70

-0.02

4.76

4.240

52

542.00

535.60

166

34

S50U06

536.00

545.70

1.30

-3.90

-5.20

2.41

4.85

4.240

143

543.00

534.00

9

4

S50Z06

538.10

546.53

2.13

4.85

4.240

234

545.00

545.00

1

0

S50H07

539.30

548.38

3.98

5.06

4.240

325

16:33

08/05/2006

MGR-รัฐบาลเน้นใจความพร้อมรักษาความปลอดภัยแก่ประมุข-พระราชอาคันตุกะ

16:33

08/05/2006

MGR-พณ.กำหนด 3 โครงการรถไฟช่วยประชาชน

16:33

08/05/2006

MGR-"จระ" ย้ำ 485 ส.ส.พ้นจากสมาชิกภาพหลังศาลชี้ขาดเลือกตั้งเป็นนิมะ

16:29

08/05/2006

RTR---เอสไอซ์ ลดราคาเบนซิน-ดีเซล 40 สต./ลิตร ในเย็นนี้

Data Description

Field	Description
Fair Value	Cash price plus the net cost of carrying such futures contract until the contract's expiry date. (The calculated figures is the projected price of such futures compared with risk-free cost) If Fair Value > Last , such futures contract is an interesting one.
Fair Basis	Fair Value minus SET50 Index
Basis	Current price of Index Futures minus SET50 Index
Premium	Current price of Index Futures minus Fair Value If Current price of Index Futures < Fair Value , such futures contract is an interesting one.
Implied Rate	Interest rate or cost of carrying such futures contract, whether the investment cost is high or low
Fund Rate	Interpolated yield curve from Thai BMA
Div Yld	Dividend Yield of SET50 Index
Days	Days to delivery - Number of days from today until expiration date. Days include holidays and weekends .
O/I	Open Interest - Number of futures contracts with open status
Vol Ch (Volume Change)	Volume Change - Today's Volume compared with yesterday's volume

Multiple View Menu

You can **view data of 2 instruments simultaneously** by typing symbol of stock, warrant, index futures in the symbol box and click Enter e.g. PTT and S50M06. Simply click the **More>>** button to view further details.



Trade Log Menu

Trade Log menu displays all executed transactions of a particular instrument throughout the day both in numeric and graphical manner. Even though Liberty automatically calculates **real-time Volume Weighted Average Price (VWAP)**, you can specify the time period of your interest for the calculation.



Data Description

✎ **Box 1 –** Displays all executed transactions and traded volume of an instrument throughout the day in the following details.

Field	Description
Column 1 : Time	Time that such transaction occurs
Column 2 : Lot	Volume of instrument being traded (1 Lot = 100 Shares)
Column 3 : Price	Price at which instrument is traded
Column 4 : B or S	Transaction type. B = Buy and S = Sell
Column 5 : Change	Change in Price (compare Price with Previous Close)


✎ **Box 2 – Volume at Price** illustrated the traded transactions at each price in bar chart with distinct colors. The number at the top of each chart represents the traded volume (Lot) at each price.

Color	Description
orange	Buy transaction
purple	Sell transaction

✎ **Box 3 – No. Trade** displays number of transactions such instrument being traded during the day.

✎ **Box 4 – Buy/Sell Strength Bar** illustrates the **real-time percentage (%) of traded volume (whether it comes from Buy or Sell side)** with distinct colors.

Color	Description
orange	Buy volume
purple	Sell volume

✎ **Box 5 – VWAP (Volume-Weighted Average Price)** presents real-time average price, weighted by total volume of an instrument. You can specify in the **From: and To:** boxes the time period of the day that you want Liberty to calculate the average price. If you want to use the default time, simply click the  button.

3 Bid/3 Offer Menu

Liberty-i v2.01 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET782.91↑14.69 (1.91%) Vol3,470,228,106 Value20,549.00M

Advance261Decline106Unchange89

More >>

LIBERTY

QuotePTTPPT PUBLIC CO.,LTD.MINTMINOR INTERNATIONAL

WarrantsTrade LogBIDOFFERTrade LogBIDOFFER

Index Futures16:40 2,954 266.00 S 4.00264.00266.0016:57 280 11.40 B 0.6011.3011.40

Multiple View16:29 10 264.00 S 2.0028%72%16:56 430 11.40 B 0.6053%47%

Trade Log16:29 3 264.00 S 2.00B_VOLBIDOFFERO_VOL16:41 1,405 11.40 B 0.60B_VOLBIDOFFERO_VOL

3Bid / 3Offer16:29 5 264.00 S 2.00277264.00 266.00 556716:40 3,235 11.40 S 0.601095211.30 11.40 7477

Ranking16:28 100 264.00 S 2.001359262.00 268.00 463416:29 11 11.30 S 0.50387011.20 11.50 7152

Chart16:28 100 264.00 S 2.003632260.00 270.00 318316:22 700 11.30 S 0.50161411.10 11.60 200

TickerSCBTHE SIAM COMMERCIAL BANKKBANKKASIKORNBANK PUBLIC CO.,

NewsTrade LogBIDOFFERTrade LogBIDOFFER

Indices16:40 9,598 66.50 S 3.0066.0066.5016:40 6,360 68.50 S 3.0068.0068.50

Forex16:29 2 66.00 S 2.5073%27%16:29 50 68.00 S 2.5026%74%

Stock Search16:29 3 66.00 S 2.50B_VOLBIDOFFERO_VOL16:29 20 68.00 S 2.50B_VOLBIDOFFERO_VOL

My Favorite16:29 2 66.00 S 2.50498366.00 66.50 56616:29 200 68.00 S 2.50251868.00 68.50 4697

Portfolio16:28 10 66.00 S 2.50529465.50 67.00 470016:29 200 68.00 S 2.50319367.50 69.00 21838

Announcement16:28 30 66.00 S 2.50736065.00 67.50 115316:29 10 68.00 S 2.50424767.00 69.50 2221

PrintZMICOSEAMICO SECURITIES PLC.CO TOPTHAI OIL PUBLIC CO.,LTD.

Online HelpTrade LogBIDOFFERTrade LogBIDOFFER

Limit Alert16:40 9,955 4.20 S 0.104.204.2216:40 13,122 68.00 S 0.5067.5068.00

Disclaimer16:29 30 4.18 S 0.0848%52%16:29 5 68.00 B 0.5061%39%

BISNEWS16:28 500 4.18 S 0.08B_VOLBIDOFFERO_VOL16:29 2 68.00 B 0.50B_VOLBIDOFFERO_VOL

Info Online16:27 50 4.18 S 0.088814.20 4.22 187516:29 10 68.00 B 0.501050467.50 68.00 3158

16:27 500 4.18 S 0.0829904.18 4.24 412016:29 10 68.00 B 0.501425067.00 68.50 3989

16:27 30 4.18 B 0.0830424.16 4.26 143216:28 1,130 67.50 S 0.00546566.50 69.00 11857

18:59 08/05/2006MGR-"เสถียร.หมื่น" พอใจคำวณิชยาสล ธรณ. พร้อมเรียกครอง กก.ล.ลาออก

18:54 08/05/2006MGR-นักธุรกิจพหุใจคำวณิชยาสล ธรณ. เชื่อทิศทางเศรษฐกิจจะเติบโตต่อเนื่อง

18:54 08/05/2006MGR-ป.ร.ส.อ.พ.เชื้อหลังศาลสั่งเลือกตั้งใหม่ ความวุ่นวายทางการเมืองจะสงบลง

18:46 08/05/2006RTR-TOP NEWS:ข่าวเด่นในประเทศวันนี้

With **3Bid/3Offer** menu, you can simultaneously monitor the **3 best bid and 3 best offer prices and quantity including Bid/Offer Strength Indicator of 6 instruments**.

Liberty also **presents 6 latest executed transactions plus Buy (B) and Sell (S)** so you know what is happening with each instrument. The 3Bid/3Offer menu supports the display of **stock, warrant and index futures**.

Color Description

Color	Description
green	Bid data
red	Offer data

Ranking Menu

Liberty-i v2.01 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET **782.91** **↑14.69** (**1.91%**) Vol 3,470,228,106 Value 20,549.00M

Advance **261** Decline **106** Unchange **89** More >>> **LIBERTY**

Quote **SET Most Active** ☒ Stock ☐ Sector ☐ Industry ©2005 All Rights Reserved. Bisnews AFE (Thailand) Limited.

Warrants	Symbol	Last	Change	%Chg	%Fluct	Open	High	Low	Volume(Lot)	Value	Time
Index Futures	1 ADVANC	99.50	6.50	6.99	6.12	95.00	101.00	95.00	136,728	1,343.08M	16:40
Multiple View	2 PTT	266.00	4.00	1.53	2.28	260.00	266.00	260.00	36,548	962.10M	16:40
Trade Log	3 PTTEP	126.00	1.00	0.80	1.59	125.00	127.00	125.00	73,636	927.54M	16:41
3Bid / 3Offer	4 BBL	116.00	4.00	3.57	3.48	113.00	117.00	113.00	74,615	862.56M	16:40
Ranking	5 TOP	68.00	0.50	0.74	2.94	67.50	69.00	67.00	98,683	670.81M	16:40
Chart	6 TPI	8.35	0.15	1.83	1.81	8.25	8.35	8.20	794,130	658.41M	16:40
Ticker	7 IEC	4.80	0.66	15.94	14.29	4.20	4.80	4.16	1,374K	623.35M	16:40
News	8 KBANK	68.50	3.00	4.58	3.72	66.50	68.50	66.00	69,967	473.47M	16:40
Indices	9 SCB	66.50	3.00	4.72	3.83	64.00	66.50	64.00	62,271	407.52M	16:40
Forex	10 PHATRA	52.50	4.00	8.25	6.90	49.00	52.50	49.00	76,184	387.06M	16:40
Stock Search	11 ITD	7.50	0.40	5.63	6.80	7.15	7.60	7.10	466,632	341.49M	16:40
My Favorite	12 ASP	5.05	0.21	4.34	4.82	4.86	5.10	4.86	649,142	322.32M	16:40
Portfolio	13 KEST	28.25	1.75	6.60	4.53	27.00	28.25	27.00	114,610	317.46M	16:40
Announcement	14 EASTW-W1	1.77	0.14	8.59	18.99	1.63	1.96	1.62	1,663K	299.44M	16:40
Print	15 TRUE	10.10	0.55	5.76	6.45	9.75	10.40	9.75	280,806	284.72M	16:40
Online Help	16 SC	15.20	0.70	4.83	4.00	14.70	15.30	14.70	180,451	271.50M	16:40
Limit Alert	17 CPF	5.95	0.00	0.00	3.39	5.95	6.00	5.80	456,912	270.48M	16:40
	18 STEC	8.95	0.50	5.92	5.16	8.50	8.95	8.50	252,478	220.55M	16:40
	19 SCC	236.00	2.00	0.86	0.84	236.00	238.00	236.00	9,152	215.99M	16:40
	20 PICNI	0.76	0.09	13.43	12.59	0.68	0.76	0.67	2,745K	201.48M	16:40

Disclaimer

19:09 08/05/2006 MGR-ก.พลังงาน พร้อมสนับสนุนเงินค่าปรับปรุง "บ้านประหยัดพลังงาน"

19:08 08/05/2006 MGR-"จุล" บัณฑิตวิทยาลัยร่วมพัฒนาเทคโนโลยี "คีน"

19:03 08/05/2006 MGR-กทท.เตรียมตัดแปลงพัฒนาเป็นเลนจักรยาน ส่งเสริมการประหยัดพลังงาน

18:59 08/05/2006 MGR-"เสธ.นนท์" พอ.ใจคำวจนิจัยศาล รธน. พร้อมเรียกร้อง กกต.ลาออก

Info Online

Updated every minute, **Ranking** menu presents **Top-20 ranking of stocks, warrants, sector and industry in SET and MAI** according to the selected criteria in the combo box.

SET Most Active	<input checked="" type="radio"/> Stock	<input type="radio"/> Sector	<input type="radio"/> Industry
-----------------	--	------------------------------	--------------------------------

You can choose your preferred criteria using a mouse click at the following part. Once the ranking result appears, you can **click at the instrument symbol of your interest for further information** relevant to such symbol. Liberty will navigate you to the **Quote** page.






Criteria Description

Criteria	Description
% Gain	Highest % change in price, calculated from the comparison between Last price and Previous Close
% Loss	Lowest % change in price, calculated from the comparison between Last price and Previous Close
Net Gain	Highest change in price, calculated from the comparison between Last price and Previous Close
Net Loss	Lowest change in price, calculated from the comparison between Last price and Previous Close
Volume	Highest traded Volume
Most Active	Highest traded Value
%Fluctuation	Highest difference between High and Low price

Chart Menu




Chart menu displays **graphical data with histories and 16 major technical analysis tools and Trend Line**. You can click at the tool you like. Chart will be changed according to your selection.

Icon in Tool Bar	Usage Description
	Zoom-in for you to get into more details for chart during a certain time period
	Cross Hair facilitates you to easily glance the price and technical analysis results at a certain point of chart
	Color Palette for you to change the colors of technical analysis tools
	Chart Interval allows you to specify your preferred time period for the display e.g. tic, 5 minutes, 15 minutes, 3 months, 2 years
	Setting for you to select the colors of background, foreground, grid line, highlight box of your preference

How to Use Chart

You can retrieve the chart by **inputting the symbol** of stock, warrant, index futures, sectoral index, industry and main indices (SET, SET50, SET100, MAI) in the symbol box

Liberty will display **a default Daily Candlestick chart as well as traded Volume** with the letter "D" presented at the right-bottom corner.

You can **maximize the Chart window** by clicking at the  box at the top-right corner.



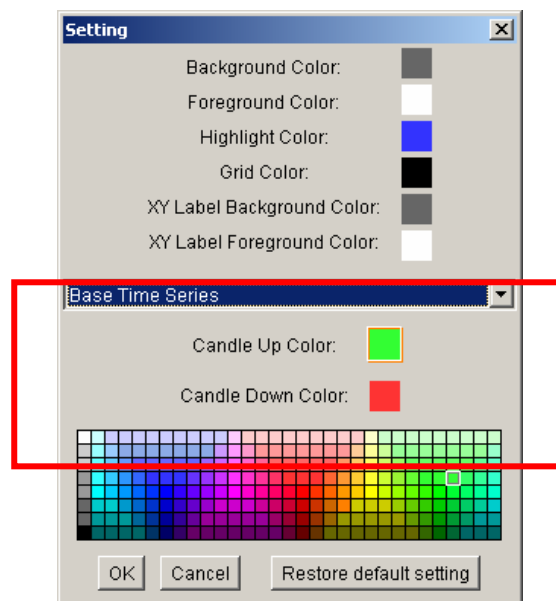
Toolbar supports the following items and actions.

1. Technical Analysis Tools
2. Changing Chart Types
3. Drawing Trend Lines

You can **print out the chart** by clicking the  button.

Changing Chart Colors

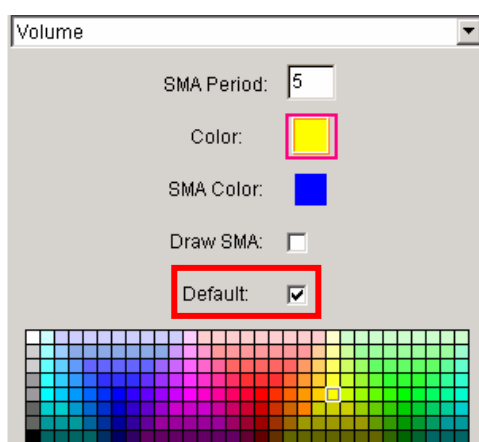
You can change the colors of chart by **clicking at**  **(Setting) button**. The following **Setting menu** will appear.




Setting Menu Description

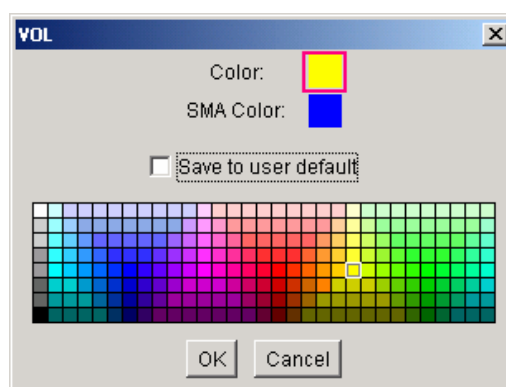
Menu	Description
Base Time Series	Colors of Candlestick chart
Candle Up Color	Color of Candlestick in case of up tick
Candle Down Color	Color of Candlestick in case of down tick

In case you want to **change the Volume color**, just click the  button and choose Volume, the following sub-menu will be displayed.



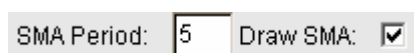
Click the color box until the red frame appears, then click to **choose the color you want** from the color palette, and **click OK**. If you tick the Default box, the color you opt will become the default color of Volume every time you retrieve the chart.

The other way to **change the Volume color** is to click the  icon in the toolbar. The following VOL sub-menu will appear.




Then **click the Color box** until the red frame appear, **choose the color you want** from the color palette, and **click OK**. You can also choose **"Save to user default"** so the Volume is displayed with the color you choose every time it is retrieved.

You can add **Simple Moving Average (SMA) line** in Volume window by clicking the Draw SMA box and input your preferred SMA period (day) as follows:




Also, if you need to **change the color of SMA line**, click the  icon and choose the SMA color the same as you do for Volume.

Adding Technical Analysis Tools

You can **browse the Technical Analysis Tools list** by clicking the  button; the drop-down list of technical analysis tools will be displayed. If you want to add an analysis tool into your chart window, you can choose it from the list. **Liberty displays upto 3 technical analysis tools** excluding Price and Volume charts in one page.



(BB) Bollinger Bands
(CCI) Commodity Channel Index
(EMA) Exponential Moving Average
(FKD) Fast Stochastic Oscillator
(MACD) Moving Average Convergence/Divergence
(MEMA) Modified Exponential Moving Average
(MOM) Momentum
(OBV) On Balance Volume
(RSI) Relative Strength Index
(SAR) Parabolic
(SKD) Slow Stochastic Oscillator
(SMA) Simple Moving Average
(3SMA) 3-Simple Moving Average
(WC) Weighted Close
(WMA) Weighted Moving Average
(WR) Williams' %R



If you need to **change the parameter of a particular analysis**, simply click at the name of analysis tool in the chart area until the blue highlight is displayed (the orange frame). The parameter box at the top of the chart window will appear for you to input the parameter you prefer. In case you want **to change the color of such analysis**, just click the  button and choose the color you want.



Deleting Technical Analysis Tools

You **can delete a technical analysis tool displayed in the chart area** by clicking the name of such tool until the blue highlight appears, then click the  icon. If you want to **delete all technical analysis tools** you previously chose, click the  icon.

Changing Chart Pattern


- 

Chart Mode

Line

✓ Bar

Candle


Clicking the Chart Mode button, you can **change the display of chart** into your preferred one -- Line Chart, Bar Chart or Candlestick Chart
- 

Chart Interval

3 Month Daily

1 Year Daily

✓ 2 Year Daily

2 Year Weekly


5 Year Weekly

5 Year Monthly

Tic

5 Min

15 Min

Allows you to **retrieve historical chart of various time period**. Just click to choose the period of your preference. In case you choose to display Daily chart, there will be "D" displayed at the right-bottom corner of the window. "W" represents Weekly chart, "M" represents Monthly chart. Tic, 5-minute or 15-minute will be displayed if you choose such interval.
- 


Show/ Hide Option

✓ Volume

✓ X-Axis

✓ Y-Axis

✓ Grid Line

Allows you to **display or remove the display of Volume, Time axis (X-Axis), Price axis (Y-Axis), or Grid Line**.
- 

Cross Hair Option


Cross

Vertical


Horizontal

Off

Helps you to **easily glance the price, volume and other technical analysis figures of the chart**. Price figures start from "O" (Open), "H" (High), "L" (Low), "C" (Close) and "V" (Volume). You can choose the type of Cross Hair you like or choose "Off" to hide it.

While moving the Cross Hair along the chart area, if you want to **freeze the Cross Hair**, simply click your mouse at the certain point. And click your mouse again to **move the Cross Hair**.
- 

Zoom In

You can click the Zoom In button to **see more details of chart within a certain time period** of your interest. Move your mouse to the starting point of time, left-mouse click and hold it, drag the mouse to the ending point, then release the mouse click.
- 

Zoom Out












Once zooming in the chart, you can **squeeze the time period to display chart with further histories** by clicking the Zoom Out button.





Drag Chart Instead of using scroll bar, you can **move the whole chart** by clicking the Drag Chart button to change the mouse cursor from arrow key to a hand. Then click at the chart area, hold your mouse and drag the chart to the certain time period you want to views. If you want to exit this mode, simply click the Drag Chart button again.

-  **Help Menu** [Online help](#) for Chart Menu

Trendlines

-  **Trendline Button: Draw a trend line** by clicking the Trendline button. Then place the mouse at your preferred starting point, left-mouse click, hold it and drag the mouse to the ending point and release it. Trendline will be drawn.
-  **Horizontal Line Button: Draw a horizontal line** by clicking the Horizontal Line button. Then place the mouse at your preferred starting point, left-mouse click, hold it and drag the mouse to the ending point and release it. Horizontal Line will be drawn.
-  **Vertical Line Button: Draw a vertical line** by clicking the Channel Line button. Then place the mouse at your preferred starting point, left-mouse click, hold and drag the mouse to the ending point and release it. Vertical Line will be drawn.
-  **Channel Line Button: Draw a channel line** by clicking the Vertical Line button. Then place the mouse at your preferred starting point, left-mouse click, hold and drag the mouse to the ending point and release it. The lower line of the Channel will be drawn. Move your mouse to the other point you want to draw a channel (parallel) line, then left-mouse click and release it. Channel line will be drawn.
-  **Fibonacci Arc Button: Draw Fibonacci Arc Trendline** by clicking the Fibonacci Arc button. Then click your mouse at the starting point, drag the mouse to your preferred point to specify the width of semi-circle you want to draw, and release the mouse. If you drag the mouse below the angle of 180 degrees, the Fibonacci Arc will be drawn below the main chart.
-  **Upward Gann Angles Button: Draw Upward Gann Angles lines** by clicking the Upward Gann Angles button. Then click the mouse at your preferred point. Upward Gann Angles lines will be drawn.
-  **Downward Gann Angles Button: Draw Downward Gann Angles lines** by clicking the Downward Gann Angles button. Then click the mouse at your preferred point. Downward Gann Angles lines will be drawn.
-  **Retracement Trendline Button: Draw Retracement trend Line** by clicking the Retracement Trendline button. Then click your mouse at the starting point, hold and drag the mouse diagonally to the ending point you want. Retracement trend line will be drawn.
-  **Fans Button:** Draw Fans lines by clicking the Fans button. Then click your mouse at the starting point, hold and drag the mouse diagonally to the ending point you want. Fans trend line will be drawn.
-  **Time Zones Button: Draw Time Zones lines** by clicking the Time Zones button. Then click the mouse at your preferred point. Time Zones lines will be drawn.
-  **Getting Out of Trend Line Mode or Deleting Trend Lines:** Click you mouse and hold it until a rectangular frame appears. Drag you mouse to have this frame cover

the trend lines you previously draw. Then click the  button to delete such trend lines. In case you want to delete all trend lines, click the  button. All Trend lines will be removed.

Ticker Menu

Ticker page displays all executed transactions in SET and MAI in real-time. You can choose the displayed criteria by clicking one of the following buttons.

☒ All (Stock & Warrant)
 ☐ My Favorite (Stock & Warrant)
 ☐ Index Futures

Criteria	Description
All (Stock & Warrant)	Display all executed transactions of stocks and warrants in the market
My Favorite (Stock & Warrant)	Display only execution of stocks and warrants specified in My Favorite menu
Index Futures	Display all executed transactions of index futures

Sign Color Description

Sign	Color	Description
↑ or ↓ key	green	Last price > Previous Last price
	red	Last price < Previous Last price

Liberty-i v2.04 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET50544.96↓0.55(-0.10%)Vol238,568,000Value3,710.73M

S50M06540.60↓0.40(-0.07%)Basis-4.36Vol18OI165

More >>

LIBERTY

Quote

All (Stock & Warrant)My Favorite (Stock & Warrant)Index Futures

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Bisnews AFE (Thailand) Limited

Warrants

StockVol.LastChgStockVol.LastChgStockVol.LastChg

Index FuturesTTA S 5 21.30 0.10TTA S 5 21.30 0.10ITV B 10 7.80 -1.55

Multiple ViewSIRI B 20 4.10 0.00TLUXE-W1S 500 1.22 -0.04SCCC S 20 252.00 -4.00

Trade LogLST S 300 1.43 0.01LOXLEY S 10 3.08 0.00ITD B 1826 7.55 0.05

3Bid / 3OfferKTB S 10 12.40 0.10PS B 1450 7.60 -0.20PRECHA S 100 3.24 0.04

RankingAPURE B 14 5.75 0.35DELTA S 63 21.10 0.10ITV B 20 7.80 -1.55

ChartBTC S 28 1.76 0.01GLOW S 30 30.00 -3.00GBX B 60 2.02 0.09

TickerLH B 100 8.40 -0.05SAT S 30 19.70 0.20CPN S 50 22.60 0.60

NewsTLUXE S 400 2.46 0.06BCP B 1 13.90 0.00GSTEEL S 1000 1.47 0.04

IndicesTTA S 5 21.30 0.10ASP-W1 B 100 2.98 -0.04ITV B 150 7.80 -1.55

ForexKTB S 50 12.40 0.10ASP-W1 B 300 2.98 -0.04ITV B 200 7.80 -1.55

Stock SearchTCMC B 27 6.45 0.15TPI S 100 8.30 -0.05TPI S 30 8.30 -0.05

My FavoriteSPACK B 130 2.96 0.00KTB S 100 12.40 0.10THECO S 10 2.18 0.06

PortfolioTMB B 4896 4.30 0.04PRIN S 90 3.00 -0.02ITD S 174 7.55 0.05

AnnouncementTLUXE-W1S 1000 1.22 -0.04TLUXE-W1S 200 1.22 -0.04MALEE B 5 9.25 1.25

PrintTMB B 100 4.30 0.04LST S 700 1.43 0.01ASP B 2000 5.00 -0.05

Online HelpITV B 300 7.80 -1.55SGF B 24 0.77 -0.01BAY B 100 19.00 0.20

CSL S 10 4.20 -0.02TLUXE-W1S 96 1.22 -0.04DELTA B 137 21.10 0.10

KSL B 5 12.30 0.00RCL S 10 21.20 0.00BSBM B 18 1.67 0.03

ITV B 50 7.80 -1.55TMB S 300 4.30 0.04CMO S 910 2.48 0.16

SGF S 76 0.77 -0.01RCL S 10 21.20 0.00CPN B 54 22.60 0.60

Disclaimer

BISNEWS

11:52 09/05/2006 RTR-TRT:หุ้นกสิกรไทยเทรดพ่วงนี้ ผู้บริหารมีมติใจราคาเหนือของ

11:47 09/05/2006 BIS-วิเคราะห์หุ้นรายวัน2: บมจ.เคจีไอ

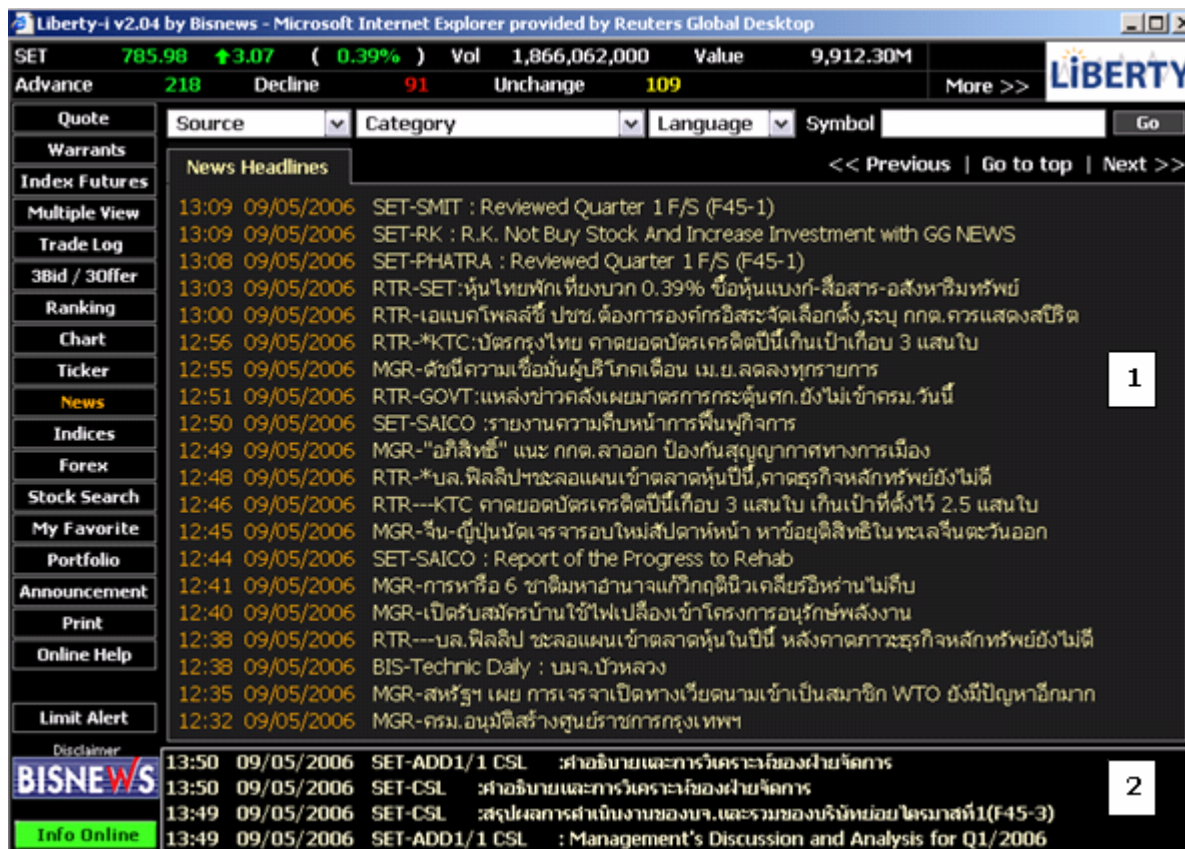
11:46 09/05/2006 RTR-HOT:หุ้น GL สูงสุดรอบกว่า 1 เดือน หลังกำไรสุทธิ Q1/49 โต 50%

11:41 09/05/2006 MGR-สมาคมประมงฯ กำหนด 3 มาตรการ ยื่นรัฐบาลช่วยเหลือ

Info Online

News Menu

News menu presents both **Thai and English language news from reliable news sources e.g. Reuters, Bisnews, SET, and Manager.**



There are 2 news areas for your usage

- ✎ **Box 1** is displayed when you click the News button. This news display is **updated every minute**
- ✎ **Box 2** is always displayed at the bottom of the screen. In this area, news is presented on **a real-time streaming update** manner.

You can choose to **view news of your preference** by selecting news sources, categories, language, or instrument symbol. Simply click at  after each combo box or type the instrument symbol in the **Symbol** then click **Go** button.

Description of News Sources, News Categories and Languages

Sources and Language

News Sources	Description	Language
All	All sources	Thai and English
Bisnews	Bisnews AFE	Thai and English
Reuters	Reuters	Thai
SET	Stock Exchange of Thailand	Thai and English
Manager	Manager	Thai

Category

Category	Description
All	All categories
Announcement	Announcement from SET
Banking	Finance and Banking
Commodities	Agricultural, commodities, oil prices, gold
General	General news
Marketing	Marketing news
Politics	Political news
Sport	Sport news
Stock	News relevant to stocks and warrants

You can **view the news story** by clicking at news headline; another window of news story will be displayed. You can also **print such news story** by clicking the  button or choose to **close the window** by clicking the  button. Liberty now offers **7-day news histories**.

Indices Menu

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SET785.98↑3.07(0.39%)Vol1,866,062,000Value9,912.30M

Advance218Decline91Unchange109More >>

LIBERTY

Quote

Warrants

Index Futures

Multiple View

Trade Log

3Bid / 3Offer

Ranking

Chart

Ticker

News

Indices

Forex

Stock Search

My Favorite

Portfolio

Announcement

Print

Online Help

Limit Alert

Disclaimer

BISNEWS


Info Online

SET ALLSET INDUSTRYSET SECTORWORLD

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Name	Last	Change	%Chg	Open	High	Low	Prev Cls
Dow Jones 30 Industries	11584.54	6.80	0.06	11576.37	11603.59	11561.97	1157
S&P 500	1324.66	-1.10	-0.08	1323.24	1326.68	1322.93	132
NASDAQ 100	2344.99	2.42	0.10	2342.41	2352.56	2339.46	234
Nikkei 225	17190.91	-100.76	-0.58	17253.811	17294.50	17178.949	1729
KOSPI Index	1450.44	-1.79	-0.12	1452.01	1461.20	1446.80	145
All Ordinaries	5276.90	3.40	0.06	5271.30	5281.00	5265.40	527
Hang Seng	17236.27	-65.52	-0.38	17278.869	17278.869	17181.35	17301
Shanghai - Composite	1516.64	19.54	1.31	1503.239	1529.578	1497.994	1497
Shenzhen - Composite	373.64	7.04	1.92	368.82	374.54	368.12	36
Taipei Weighted	7388.94	-85.11	-1.14	7470.01	7476.07	7364.19	747
Straits Times	2628.87	-28.91	-1.09	2656.02	2658.03	2627.52	265
KLSE Composite	963.94	-1.96	-0.20	966.27	970.46	962.89	96
PSE Composite	2512.23	-76.94	-2.97	2590.50	2590.50	2512.23	258
JSX Index	1531.872	23.95	1.59	1516.168	1534.775	1516.168	1507
SET	785.98	3.07	0.39	782.40	785.98	779.67	78
SET50	547.67	2.16	0.40	545.04	547.71	542.26	54
SET100	1197.75	4.58	0.38	1192.20	1197.86	1186.74	119
MAI	177.71	1.22	0.69	176.49	177.82	176.45	17
DAX	6127.98	0.00	0.00	0.00	0.00	0.00	612
CAC 40	5282.40	0.00	0.00	0.00	0.00	0.00	528

13:50 09/05/2006 SET-ADD1/1 CSL : สำหรับขายและการวิเคราะห์ของฝ่ายจัดการ
13:50 09/05/2006 SET-CSL : สำหรับขายและการวิเคราะห์ของฝ่ายจัดการ
13:49 09/05/2006 SET-CSL : สรุปผลการดำเนินงานของบจ. และรวมของบริษัทย่อยไตรมาสที่1(F45-3)
13:49 09/05/2006 SET-ADD1/1 CSL : Management's Discussion and Analysis for Q1/2006

Indices menu displays **prices of major international and local indices** including SET sectoral and industrial ones. You can choose to **view a group of indices** by clicking the  button of your preferences; a list of pertinent indices will be displayed. **International indices** data will be **update on an hourly basis** while all **local indices** are **updated in real time**.

Description of Indices

Index	Description
SET ALL	SET, SET50, SET100, MAI, all Industries, and all Sectors
SET INDUSTRY	All Industrial Index of the SET
SET SECTOR	All Sectoral Index of the SET
WORLD	Major World indices

In case you want to **view further details of each index**, you can simply click at such index symbol. Liberty will navigate you to the **Quote** page.

Forex Menu

Forex menu presents **exchange rates of major currencies crossed with Thai Baht** with an **hourly update**.

Liberty-i v2.04 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop							
SET	785.98	↑3.07	(0.39%)	Vol	1,866,062,000	Value	9,912.30M
Advance	218	Decline	91	Unchange	109	More >>	
Quote	Foreign Exchange Rates						
Warrants							
Index Futures	USA	USD/THB	37.640	37.670	37.720	37.560	13:08
Multiple View	Great Britain	GBP/THB	69.849	69.919	70.006	69.723	13:09
Trade Log	Euro	EUR/THB	47.7576	47.7995	47.8875	47.6533	13:09
3Bid / 3Offer	Japan	JPY/THB	33.697	33.733	33.803	33.587	13:10
Ranking	Switzerland	CHF/THB	30.61	30.70	30.69	30.53	12:59
Chart	Singapore	SGD/THB	23.93005	24.00891	24.01683	23.94438	12:59
Ticker	Hong Kong	HKD/THB	4.854	4.867	4.866	4.843	12:59
News	Australia	AUD/THB	28.93	29.01	28.97	28.81	12:59
Indices	Canada	CAD/THB	33.83	33.93	33.89	33.73	12:59
Forex	New Zealand	NZD/THB	23.75	23.85	23.81	23.72	12:59
Stock Search	Malaysia	MYR/THB	10.46150	10.49513	10.48943	10.44519	12:58
My Favorite							
Portfolio							
Announcement							
Print							
Online Help							
Limit Alert							
Disclaimer							
	13:50	09/05/2006	SET-ADD1/1 CSL	: ทำอธิบายและการวิเคราะห์ของฝ่ายจัดการ			
Info Online	13:50	09/05/2006	SET-CSL	: ทำอธิบายและการวิเคราะห์ของฝ่ายจัดการ			
	13:49	09/05/2006	SET-CSL	: สรุปผลการดำเนินงานของบจ. และรวมของบริษัทย่อยไตรมาสที่1(F45-3)			
	13:49	09/05/2006	SET-ADD1/1 CSL	: Management's Discussion and Analysis for Q1/2006			

Description on Currencies

Currency	Description
USD	US Dollar
GBP	Pound Sterling
EUR	Euro Dollar
JPY	Japanese Yen
CHF	Swiss Franc
SGD	Singapore Dollar
HKD	Hong Kong Dollar
AUD	Australian Dollar
CAD	Canadian Dollar
NZD	New Zealand Dollar
MYR	Malaysian Ringgit

Stock Search Menu

Stock Search menu facilitates you to **search for the instrument both by instrument symbol or instrument name**. Stock Search support stocks, warrants, and index futures.



Liberty-i v2.04 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET 784.26 ↓1.12 (-0.14%) Vol 1,613,718,000 Value 8,149.08M

Advance 154 Decline 145 Unchange 126 More >> LIBERTY

Quote AND Symbol Company Name Search

Warrants

Index Futures

Multiple View

Trade Log

3Bid / 3Offer

Ranking

Chart

Ticker

News

Indices

Forex

Stock Search

My Favorite

Portfolio

Announcement

Print

Online Help

Limit Alert

Disclaimer

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Info Online

Stock Search Stock Selection Total Search Result(s) : 7

	Symbol	Company Name	Type
1	BAND	BANGKOK LAND PUBLIC CO.	Common Stock
2	BAND-F	BANGKOK LAND PUBLIC CO.	Foreign Common Stock
3	GRAND	GRANDE ASSET DEVELOPMENT	Common Stock
4	GRAND-F	GRANDE ASSET DEVELOPMENT	Foreign Common Stock
5	PRANDA	PRANDA JEWELRY PUBLIC CO.	Common Stock
6	PRANDA-F	PRANDA JEWELRY PUBLIC CO.	Foreign Common Stock
7	PRANDA-W	PRANDA JEWELRY PUBLIC CO.	Warrant

14:27 10/05/2006 MGR-"สิน" ไร่ร้อนตัดสินใจอนาคต

14:26 10/05/2006 RTR-POL:"บาร์คิล"เผยเตรียมนำคำวินิจฉัยกลางศาลธน.เสนอกรม.อังคารหน้า

14:26 10/05/2006 SET-EIC : Reviewed Quarter 1 F/S (F45-1)

14:24 10/05/2006 SET-BEX : T-Bill Info Memo 3 issues(First trade 15 May 06)


The search for instrument symbol of your preference can be done by either of the following ways.

1. **Stock Search: search by symbol or company name** e.g. PTT, S50, or LAND.
2. **Stock Selection: search by financial criteria** e.g. P/E, P/BV, EPS, Dividend or Market Capitalization.


Once the search result is displayed, you can **click at the instrument symbol** to **see further details** in **Quote** page.

Searching by Stock Search

Click at **Stock Search** folder to start the search

➤ **Search by Symbol:** Click at the  **Symbol** button and **type full or a part of instrument symbol** you know then click the **Search** button. Liberty will search for and display all the symbols that match with your requirement.

PTT		<input checked="" type="radio"/> Symbol	<input type="radio"/> Company Name	Search
Stock Search		Stock Selection		Total Search Result(s) : 4
	Symbol	Company Name	Type	
1	PTT	PTT PUBLIC CO.	Common Stock	
2	PTT-F	PTT PUBLIC CO.	Foreign Common Stock	
3	PTTEP	PTT EXPLORATION	Common Stock	
4	PTTEP-F	PTT EXPLORATION	Foreign Common Stock	

🔍 **Search by Name:** Click at the  **Company Name** button and **type full or a part of company name** you know then click the **Search** button. Liberty will search for and display all the symbols and company names that match with your requirement.

KIM ENG		<input type="radio"/> Symbol	<input checked="" type="radio"/> Company Name	Search
Stock Search		Stock Selection		Total Search Result(s) : 2
	Symbol	Company Name	Type	
1	KEST	KIM ENG SECURITIES	Common Stock	
2	KEST-F	KIM ENG SECURITIES	Foreign Common Stock	

Searching by Stock Selection

Click at **Stock Selection** folder to start the search.



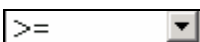
Stock	Mkt Cap	>=	133	Search				
Stock Search		Action		Search Result(s) : 503		Page 1 of 18		Next >>
	Code	Name	Prv Cls	Mkt Cap	Yield	P/E	RSI 14	
1	SGF-P1	AL FACTORING	0.00	200.00	0.00	0.00	0.00	
2	EPCO	INTING PUBLIC	0.20	7,200.00K	0.00	0.06	21.69	
3	PP	BLIC CO.	0.40	8,400.00K	0.00	0.18	0.00	
4	MGR	EDIA GROUP PUBLI	0.40	9,000.00K	0.00	0.01	37.62	
5	NPK	NEW PLUS KNITTING PUBLIC	1.20	12,000.00K	0.00	0.00	36.74	
6	SRI	SRITHAI FOOD & BEVERAGE	0.52	15,598.19K	0.00	0.00	16.59	
7	NFS-P	NATIONAL FINANCE PUBLIC C	860.00	22,270.56K	0.00	0.00	98.36	
8	JUTHA-P	JUTHA MARITIME PUBLIC CO.	0.00	25,500.00K	0.00	0.00	0.00	
9	PAE	PAE (THAILAND)PUBLIC CO.	1.30	26,000.00K	0.00	1.83	42.78	
10	TEM	THAI ENGINE MANUFACTURING	1.30	31,200.00K	0.00	4.44	29.66	
11	D-MARK	THAI-DENMARK SWINE	2.10	31,500.00K	0.00	0.00	32.67	
12	PE	PREMIER ENTERPRISE PUBLIC	0.40	32,000.00K	0.00	0.04	32.27	
13	PE&T	PREMIER ENGINEERING & TEC	1.60	37,296.61K	0.00	0.33	31.26	
14	CMPS	SALAMETER PRESSURE CONTAIN	1.05	44,488.88K	0.00	2.50	38.86	



 **Select Instrument Type:** Click at  of the  (instrument box) and choose the instrument type be it Stock or Warrant.


 **Identify the Search Criteria:** Click at  of the  (criteria box) and choose the search criteria of your requirement.

Description of Search Criteria

Criteria	Description
Mkt. Cap.	Market Capitalization: the value of a company as measured by the value of its total paid up equity securities at a market price
Yield	Yield rate (%)
P/E	Price Earning Ratio
EPS	Earning Per Share
DPS	Dividend Per Share
RSI14	Relative Strength Index: 14 days
52W Hi	Highest price in the past 52 weeks
52 W Lo	Lowest price in the past 52 weeks
%Chg	% change in price, comparing Last price with Previous Close
%Fluctuation	% change in price, comparing High and Low prices during the day
Volume	Traded volume

 **Identify the Comparing Sign:** Click at  of the  (comparing sign box) and choose the comparing sign of your requirement.

 **Identify the Criteria:** Type the figure of your requirement in the  box to complete the financial criteria.

Then click at the  button. Liberty will search for and display all the instrument symbols that match with your criteria. You can [click at the symbol](#) of your interest [to view its further details in Quote page](#).



The screenshot shows the Liberty-i v2.04 interface. At the top, it displays market data for SET (783.98, -1.40, -0.18%) and volume (1,801,431,000). Below this, there's a search bar with 'Stock' selected as the instrument type, 'P/E' as the criteria, and '<=' as the comparing sign, with the value '10' entered. The search results show 188 results, with the first 14 displayed. The table columns are Code, Name, Prv Cls, Mkt Cap, Yield, P/E, and RSI 14. The P/E column is circled in red. The first few rows of results are:

	Code	Name	Prv Cls	Mkt Cap	Yield	P/E	RSI 14
1	SSF	SURAPON FOODS PUBLIC CO.	2.54	685.80M	5.12	10.00	38.67
2	AIT	ADVANCED INFORMATION	17.10	684.00M	5.85	9.99	84.54
3	APRINT	AMARIN PRINTING	11.70	2,340.00M	6.41	9.99	48.72
4	SNC	SNC FORMER PUBLIC CO.	6.10	1,220.00M	6.56	9.99	58.81
5	SPG	THE SIAM PAN GROUP PUBLIC	40.00	1,380.00M	5.00	9.97	49.24
6	DYS	THE DEVES INSURANCE	130.00	1,560.00M	5.38	9.92	26.54
7	PATKL	PATKOL PUBLIC CO.	2.80	667.76M	3.57	9.92	57.69
8	TF	THAI PRESIDENT FOODS	396.00	7,128.00M	4.01	9.92	58.56
9	PR	PRESIDENT RICE PRODUCTS	116.00	1,392.00M	5.04	9.91	63.99
10	TWFP	THAI WAH FOOD PRODUCTS	92.00	874.56M	5.43	9.90	42.27
11	PHA	PHATRA INSURANCE PUBLIC	141.00	2,820.00M	7.62	9.88	37.98
12	LNH	CHIANG MAI MEDICAL SERVIC	18.90	226.80M	5.29	9.86	57.73
13	VNG	VANACHAI GROUP PUBLIC CO.	5.75	7,490.83M	4.35	9.85	58.37
14	NEP	NEP REALTY AND INDUSTRIAL	1.10	542.88M	8.88	9.78	62.88

At the bottom, there's a disclaimer and a news section with dates and headlines related to MGR (Mahachulalongkornrajavidyalaya University).

My Favorite Menu

My Favorite menu assists you to **closely monitor the price movement and relevant data of 20 instruments of your favorite**. You can add, delete, or save those symbols in My Favorite page for your convenience in the next retrieval. Instruments can be stock, warrant, index futures.

Liberty-i v2.04 by Bisnews - Microsoft Internet Explorer provided by Reuters Global Desktop

SET	785.38	↑2.47	(0.32%)	Vol	3,975,913,000	Value	20,869.62M				
Advance	218	Decline	150	Unchange	93			More >>			

Quote	S50H07	Add	Delete	Save	Price	Fundamental	Technical	©2005 All Rights Reserved. Bisnews AFE (Thailand) Limited.				
Warrants	Symbol	Last	Change	%Chg	Bid	Offer	Volume(Lot)	Value	Open	High	Low	Prev Cl
Index Futures	BBL	118.00	2.00	1.72	117.00	118.00	41,609	486.17M	116.00	118.00	115.00	117.00
Multiple View	SCB	69.00	2.50	3.76	68.50	69.00	96,474	654.31M	67.00	69.00	66.00	68.00
Trade Log	KBANK	69.00	0.50	0.73	69.00	69.50	91,375	630.76M	68.50	69.50	68.00	68.50
3Bid / 3Offer	KTG	12.50	0.20	1.63	12.50	12.60	267,518	333.17M	12.40	12.60	12.30	12.50
Ranking	PTT	264.00	-2.00	-0.75	262.00	264.00	23,696	622.66M	266.00	266.00	260.00	264.00
Chart	PTTEP	126.00	0.00	0.00	125.00	126.00	21,865	275.41M	126.00	126.00	125.00	125.00
Ticker	TOP	67.50	-0.50	-0.74	67.50	68.00	49,767	336.66M	68.00	68.00	67.00	67.50
News	RATCH	38.75	0.00	0.00	38.50	38.75	7,892	30,585.00K	38.75	39.00	38.75	38.75
Indices	RPC	6.00	-0.05	-0.83	6.00	6.05	3,703	2,238.00K	6.05	6.10	6.00	6.00
Forex	MINT	11.40	0.00	0.00	11.40	11.50	54,404	62,012.00K	11.50	11.60	11.30	11.40
Stock Search	PHATRA	53.00	0.50	0.95	53.00	53.50	38,972	206.44M	52.00	54.00	51.50	53.00
My Favorite	BLS	14.00	-0.10	-0.71	14.00	14.10	30,793	43,549.00K	14.20	14.30	14.00	14.00
Portfolio	ASP	4.96	-0.09	-1.78	4.96	4.98	683,617	342.58M	5.10	5.10	4.96	4.96
Announcement	KEST	28.00	-0.25	-0.89	28.00	28.25	72,126	203.55M	28.00	28.75	28.00	28.00
Print	ZMICO	4.18	-0.02	-0.48	4.16	4.18	68,632	28,795.00K	4.20	4.22	4.18	4.18
Online Help	AOT	59.50	0.50	0.85	59.00	59.50	29,144	172.19M	59.00	59.50	58.00	59.00
Limit Alert	S50M06	543.80	2.80	0.52	543.30	543.90	66	35,786.70K	541.00	543.90	540.60	543.00
Disclaimer	S50U06	543.50	3.50	0.65	543.00	543.90	19	10,303.20K	540.50	543.50	540.30	543.00
Info Online	S50Z06	544.60	1.20	0.22	543.90	550.00	1	544.60K	544.60	544.60	544.60	544.60
	S50H07				539.30	549.80						549.80


16:43	09/05/2006	BIS-Earnings Result : บล.นครหลวงไทย
16:41	09/05/2006	RTR---ดัชนี SET100 ปิดตลาดที่ 1197.32 บวก 4.15 จุด
16:40	09/05/2006	RTR---ดัชนี SET50 ปิดตลาดที่ 547.53 บวก 2.02 จุด
16:40	09/05/2006	RTR---ดัชนี SET ปิดตลาดที่ 785.38 บวก 2.47 จุด

Adding, Deleting and Saving the Instrument Symbol in My Favorite Page

✎ **Adding Symbol:** Type the instrument symbol in the (symbol box) and click the **Add** button or press **Enter**.

✎ **Deleting Symbol:** Click at the instrument symbol so such symbol is displayed in the symbol box. Then click the **Delete** button.

✎ **Saving My Favorite Page:** Once you finish adding the symbols you want to monitor, click the **Save** button so Liberty can display it on your next retrieval.

You can also opt to view the type of relevant data by clicking at the  button in front of the data type as follows:

- ✎ **Price Data**
- ✎ **Fundamental Data**
- ✎ **Technical Data**

Portfolio Menu

Portfolio menu assists you to **calculate the profit and loss of your investment both as a transaction and as a portfolio.**

You can **type the instrument symbol as well as relevant data** e.g. Buy Price, Buy Quantity, Buy Date, % Commission. Liberty will calculate and display the profit and loss of each transaction you did and the whole portfolio based on the Last price of such instrument.

Liberty offers **3 portfolios, each of which supports upto 30 instrument symbols.**

Liberty-i v2.04 by Bisnews - Portfolio - Microsoft Internet Explorer provided by Reuters Global Desktop



Ultraman7		portfolio2		General McArthur					
Total Unrealized P/L		175167.585		Total Port (MY)		474350.00			
Total Realized P/L		0.00		Total Commission		721.10			
Total P/L		175167.585		Holding Cost		298021.10			
LIBERTY <input type="button" value="Save"/>									
	Code	Avail Qty	Buy Qty	Buy Price	%Com	Buy Date (DD/MM/YYYY)	Investment Cost	Last Price	Market Value
1	PTT	1,500	1,500	140.00	0.2500	23/12/2003	210525.00	244.00	366000.00
2	AOT	500	500	45.25	0.2500	28/10/2004	22681.563	56.50	28250.00
3	KBANK	700	700	48.75	0.2100	23/07/2004	34196.663	62.00	43400.00
4	RATCH	500	500	42.50	0.2100	07/01/2004	21294.625	36.00	18000.00
5	AMATA	1,000	1,000	9.30	0.2500	27/12/2004	9323.25	18.70	18700.00
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									

Building Your Portfolio

1. Click the **Portfolio** button. A Portfolio page with 3 folders will be displayed. Although Portfolio1 is displayed a default, you can choose to input your data in any of these portfolio.
2. In case you want to **change the name of your portfolio**. Click at the folder you want to change the name. There will be a box for you to input your preferred portfolio name e.g. "Ultraman 7". Then press **Enter**.
3. Start inputting your own data by clicking at each row in the portfolio.

Description of Portfolio

Field	Description
Code	Instrument symbol e.g. PTT
Avail Qty	Net available stock or warrant instruments. Calculated from "Buy Qty minus Sell Qty"
Buy Qty	Number of stock or warrant you buy. 1 Qty equals 1 share.
Buy Price	Price you bought such stock or warrant
% Comm.	% commission you pay to brokerage firm when you buy or sell your stock or warrant
Buy Date (DD/MM/YYYY)	Buying date such as 1/8/2005 (1 August 2005)
Investment Cost	Total investment for stock or warrant in each transaction
Last Price	Latest market price
Market Value	Total value of your invested stock or warrant based on market price at this moment. Calculated from "Avail Qty multiplies by Last Price"
Sell Qty	Number of stock or warrant you sell. 1 Qty equals 1 share.
Sell Price	Price you sell such stock or warrant
Unrealized P/L	Return from an investment in case that you have not sold such stock or warrant. Formula: " [(Last Price – Buy Price) x Avail Qty] – Buy and Sell commission "
Realized P/L	Return from an investment calculated by the price you input in Sell Price. Commission is already taken into this calculation.
Total Unrealized P/L	Sum of profit and loss in your portfolio, calculated from market price
Total Realized P/L	Sum of profit and loss in your portfolio, calculated from the price you actually sell your stock or warrant
Total P/L	Sum of profit and loss in your portfolio, calculated from "Total Unrealized P/L plus Total Realized P/L"
Total Port (MV)	Market Value of your portfolio, calculated from total number of stocks or warrants available in the portfolio and their market prices
Total Commission	Total commission you have paid to brokerage firms
Holding Cost	Cost of total investment of your portfolio, calculated from " Buy Price multiplies by Avail Qty "

- Once you input all data, click the **Save** button to save it.
- In case you want to **delete** some of the input data, simply click at it, press **Delete** button at your keyboard and press **Enter**.
- If you want to **horizontally or vertically scroll to glance the data**, simply click the  or  to move the screen.

Limit Alert Menu

Limit Alert menu provides you with the convenience for you to **set up the alert for the stock or warrant of your interest**, using the specified criteria. You can set up the alert for **upto 10 stocks or warrants**. Criteria can be **Bid Price, Offer Price or Traded Volume**.

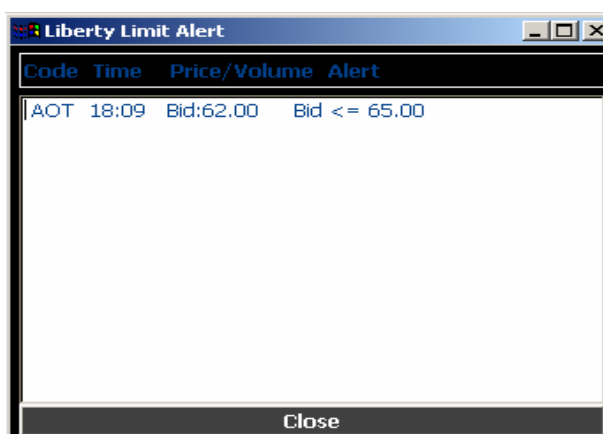
Set		<input checked="" type="checkbox"/> Sound	<input checked="" type="checkbox"/> Pop Up Alert	Remove	Save
Code	Name	Bid <=	Offer >=	Volume >=	
AOT	AIRPORTS OF THAILAND	65.00			
TPI	THAI PETROCHEMICAL INDUST		8.50		
PTT	PTT PUBLIC CO.,LTD.	240.00			

Setting up the Limit Alert

- Click at the Code column of each row. Input the instrument symbol you want to set up the alert and press **Enter**. The name of such symbol will be displayed.
- If you want to **set up the criteria using Bid price**, click at the "**Bid <=**" column and input the Bid price of your requirement.
- If you want to **set up the criteria using Offer price**, click at the "**Offer >=**" column and input the Offer price of your requirement.
- If you want to **set up the criteria using Traded Volume**, click at the "**Volume >=**" column and input the Traded Volume of your requirement.
- If you want Liberty to beep you, simply tick the **Sound** box. And if you want Liberty to pop up an alert window, simply tick the **Pop Up Alert** box.

Once you are finished with the setup, click the **Save** button **to save it**. But if you want **to remove the set-up criteria**, simply click the **Remove** button.

For the **Sound Alert**, Liberty will **beep and display the below pop-up window** no matter what menu you are at.

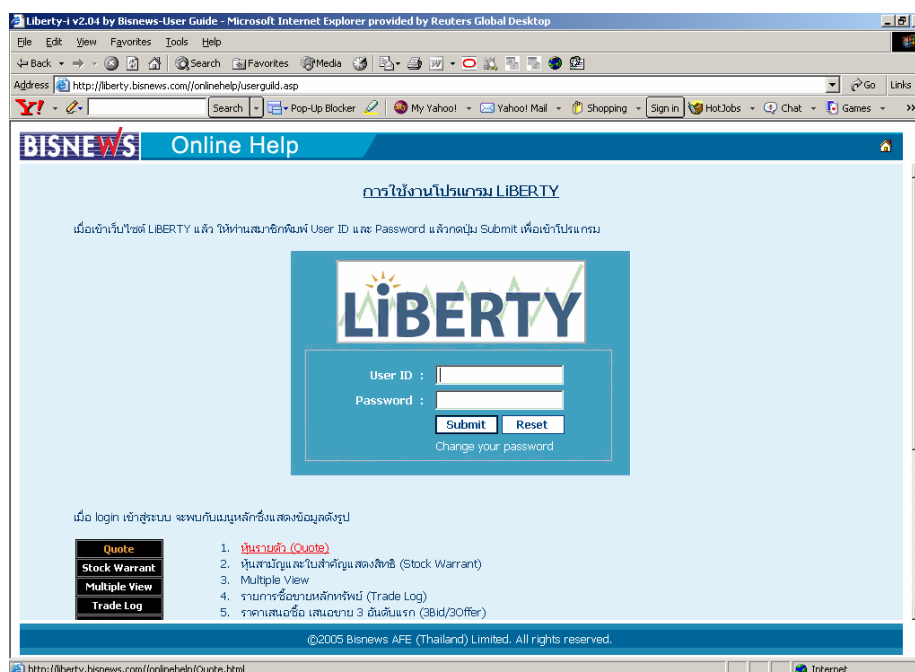


At the same time, Liberty will also display in the **Breaker** window the **details of stock or warrant that matches with the criteria you set up** so you can browse them later.

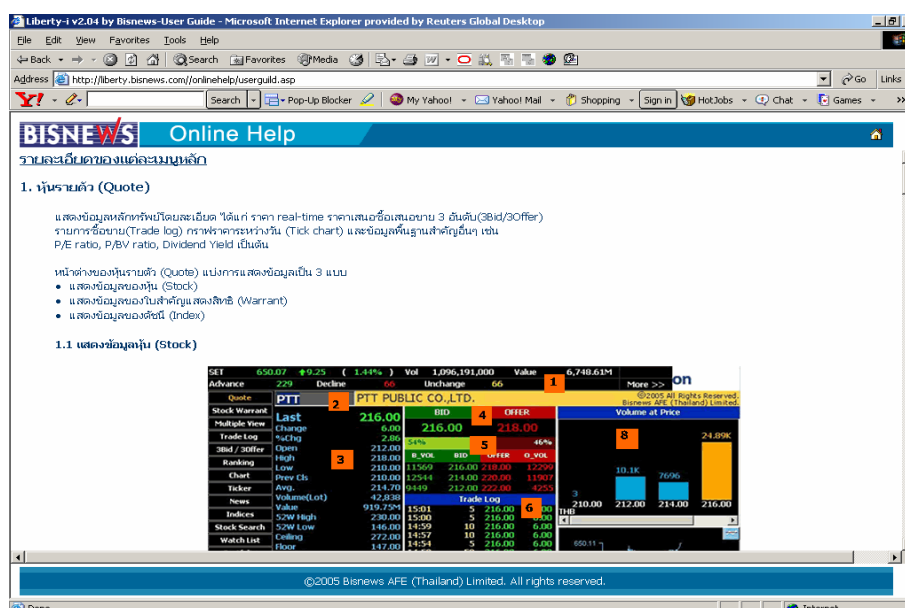
Breakers						Remove
Code	Name	Time	Bid/Offer	Last	Volume	
AOT	AIRPORTS OF THAILAND	18:09	62.000/			

Online Help Menu

Online Help is always available for you to **call up the User's Manual while using Liberty**. Details are separated by menu.



You only **click at the menu name**; Liberty will display details of such menu in another window as follows:



----- End -----